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molded body, wherein heat is transmitted from the molded body to a heat medium in the heat medium passage when the molded body absorbs hydrogen, and heat is transmitted from the heat medium in the heat medium passage to the molded body when the molded body releases hydrogen; and

a hydrogen passage formed in the interior of the housing to face the second side of the molded body.

10. (Twice Amended) A reservoir for storing hydrogen, comprising:

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a housing;

a plurality of storage units stacked in the interior of the housing, wherein each storage unit includes:

a pair of plate-like molded bodies comprising a compressed hydrogen storage material powder, wherein each molded body causes exothermic reaction when absorbing hydrogen and causes endothermic reaction when releasing hydrogen, the molded body includes a first flat side and a second flat side opposite to the first side, and the molded bodies are located with respect to each other such that the first sides face each other; and

a heat exchanger located between the molded bodies, wherein the heat exchanger includes a flat duct in which a heat medium flows, the duct contacts the first side of each molded body, heat is transmitted from the molded bodies to the heat medium in the duct when the molded bodies absorb hydrogen, and heat is transmitted from the heat medium in the duct to the molded bodies when the molded bodies release hydrogen; and

a plurality of flat hydrogen passages formed in the interior of the housing to face the second sides of the molded bodies.